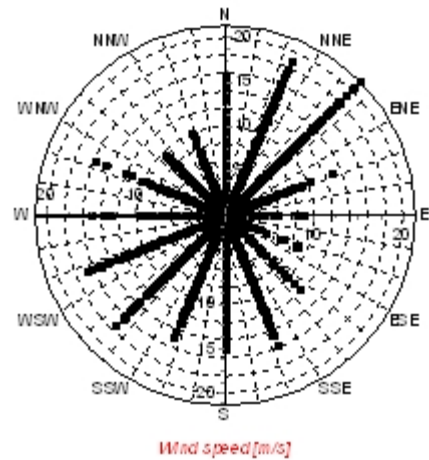


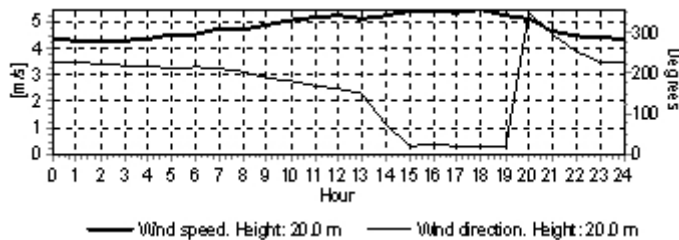
Simpson Springs

1. Rose Graph

This graph illustrates the relative frequencies for which the wind blows at certain speeds in certain directions. For the Simpson Springs site, although the wind lacks a uniform direction, the stronger winds blow more frequently from the northeast and south-southwest.

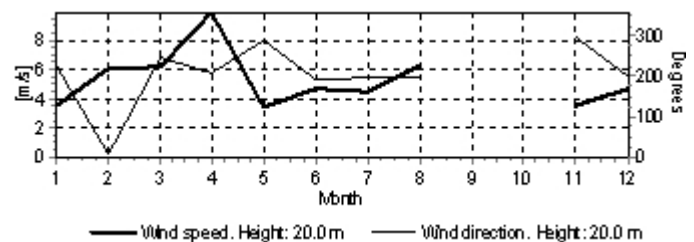


2. Diurnal Graph



This graph shows the average wind speed measured at each time of day in m/s, where Hour 0 corresponds to midnight. Note the increased wind speed in the early afternoon to late evening.

Similarly, this graph shows the average wind speed for each month of data collected by the anemometer (beginning in January). Unfortunately, there is data missing from the months of September and October.



3. Windpro Data

| Monthly Mean Value of Wind Speed | | | | | | |
|----------------------------------|------|------|------|------|---------------|------|
| Month | 2002 | | 2003 | | Mean of month | |
| | M/s | Mph | M/s | Mph | M/s | Mph |
| Jan | | | 3.5 | 7.8 | 3.5 | 7.8 |
| Feb | | | 6.1 | 13.7 | 6.1 | 13.7 |
| Mar | | | 6.2 | 13.9 | 6.2 | 13.9 |
| Apr | | | 10.0 | 22.4 | 10.0 | 22.4 |
| May | | | 3.4 | 7.6 | 3.4 | 7.6 |
| Jun | | | 4.7 | 10.5 | 4.7 | 10.5 |
| Jul | | | 4.5 | 10.1 | 4.5 | 10.1 |
| Aug | | | 6.4 | 14.3 | 6.4 | 14.3 |
| Sep | | | | | | |
| Oct | | | | | | |
| Nov | 3.5 | 7.8 | | | 3.5 | 7.8 |
| Dec | 4.7 | 10.5 | | | 4.7 | 10.5 |
| Mean, all data | 4.2 | 9.4 | 5.1 | 11.4 | | |
| Mean of months | 4.1 | 9.2 | 5.6 | 12.5 | 5.3 | 11.9 |